TRADES A DATION AND	DOWED OF ATTORNEY	Case No:	59390US002
TRADSECLARATION AND POWER OF ATTORNEY, FOR UTILITY OR DESIGN		First Named Inventor:	Michael A. Yandrasits
	ATION (37 CFR § 1.63)	COMPLETE IF KNOWN	
	, , , , , , , , , , , , , , , , , , , ,	Application No.:	10/712,590
Declaration Submitted	□ Declaration Submitted after	Filing Date:	November 13, 2003
with Initial Filing Initial Filing (surcharge 37 CFR	Art Unit:	1711	
§ 1.16(e) required)		Examiner Name:	
ime, and that I believe I an	n an original, first, and sole inventor	(if only one name is li	itizenship are as stated below next to n sted below) or an original, first, and joi which a patent is sought on the invention
			OLYTES CROSSLINKED BY

E-BEAM			
The specification of which		*	
is attached hereto;			
was filed on No as United States Application No.	ovember 13, 2003	10/712,590	
is identified as PCT International Application	ation No.		
and was amended on	(if ap	plicable).	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 USC §§ 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign		Foreign Filing Date	Priority NOT	Certified Copy	Attached
Application No.	Country	(MM/DD/YYYY)	Claimed	YES	NO

I hereby appoint Practitioners at Customer Number 32692 as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Customer Number for Practitioner of Record:

32692

I also appoint the following Practitioners as my attorneys and/or agents with full powers (including the powers of appointment, substitution, and revocation) to prosecute this application and any division, continuation, continuation-in-part, reexamination, or reissue thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith: None

The mailing address and the telephone number of the above-identified attorneys and/or agents are that of Customer No. 32692.

Inquiries regarding this application can be made to:

Attention: Philip Y. Dahl

Office of Intellectual Property Counsel 3M Innovative Properties Company Telephone No.: (651) 737-4029

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:	☐ A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Michael A.	Family Name or Surname: Yandrasits	
Inventor's Signature: • MM A Ym		Date: 3 / 10/04/
Hastings, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA	·	
NAME OF JOINT INVENTOR, IF ANY:		
	A petition has been filed for	this unsigned inventor.
Given Name (first and middle [if any]): Steven J.	Family Name or Surname: Hamrock	
Inventor's Signature:		Date: 3/10/04
Residence: Stillwater, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		
		- Charles A
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed for	this unsigned inventor.
Given Name (first and middle [if any]): Klaus	Family Name or Surname: Hintzer	
Inventor's Signature:	• :	Date:
Residence: Kastl, Germany	Country: GERMANY	Citizenship: GERMANY
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		

NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]): Arne	Family Name or Surname: Thaler	
Inventor's Signature:		Date:
Residence: Altoetting, Germany	Country: GERMANY	Citizenship: GERMANY
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed fo	or this unsigned inventor.
Given Name (first and middle [if any]): Tatsuo	Family Name or_Surname: Fukushi	· · · · · · · · · · · · · · · · · · ·
Inventor's Signature: (ce Tu) Tu/s n?		Date: 3-10-04
Residence: Woodbury, Minnesota	Country: USA	Citizenship: JAPAN
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA		
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed fo	or this unsigned inventor.
Given Name (first and middle [if any]): Naiyong	☐ A petition has been filed fo Family Name or Surname: Jing	r this unsigned inventor.
Given Name (first and middle [if any]):	Family Name or Surname:	Date:
Given Name (first and middle [if any]): Naiyong Inventor's Signature:	Family Name or Surname:	Date:
Given Name (first and middle [if any]): Naiyong Inventor's Signature: Residence:	Family Name or Surname: Jing Country: USA	Date: 3-73-04 Citizenship:
Given Name (first and middle [if any]): Naiyong Inventor's Signature: Residence: Woodbury, Minnesota Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA	Family Name or Surname: Jing Country: USA	Date: 3-73-0¢ Citizenship: United States of America
Given Name (first and middle [if any]): Naiyong Inventor's Signature: Residence: Woodbury, Minnesota Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA NAME OF JOINT INVENTOR, IF ANY:	Family Name or Surname: Jing Country: USA A petition has been filed fo	Date: 3-73-0¢ Citizenship: United States of America
Given Name (first and middle [if any]): Naiyong Inventor's Signature: Residence: Woodbury, Minnesota Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA	Family Name or Surname: Jing Country: USA	Date: 3-73-0¢ Citizenship: United States of America
Given Name (first and middle [if any]): Naiyong Inventor's Signature: Residence: Woodbury, Minnesota Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA NAME OF JOINT INVENTOR, IF ANY: Given Name (first and middle [if any]):	Family Name or Surname: Jing Country: USA A petition has been filed fo Family Name or Surname:	Date: 3-73-0¢ Citizenship: United States of America
Given Name (first and middle [if any]): Naiyong Inventor's Signature: Residence: Woodbury, Minnesota Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA NAME OF JOINT INVENTOR, IF ANY: Given Name (first and middle [if any]): Kai Helmut	Family Name or Surname: Jing Country: USA A petition has been filed fo Family Name or Surname:	Date: 3-73-0¢ Citizenship: United States of America



DECLARATION AND POWER OF ATTORNEY, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)

Declaration Submitted with Initial Filing

Declaration Submitted after
Initial Filing (surcharge 37 CFR
§ 1.16(e) required)

Case No:	59390US002	
First Named Inventor:	Michael A. Yandrasits	
COMPLETE IF KNOWN		
Application No.:	10/712,590	
Filing Date:	November 13, 2003	
Art Unit:	1711	
Examiner Name:		

Case No.: 59390US002

As a below named inventor, I hereby declare that my residence, mailing address, and citizenship are as stated below next to my name, and that I believe I am an original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

BROMINE, CHLORINE OR IODINE FUNCTIONAL POLYMER ELECTROLYTES CROSSLINKED BY E-BEAM

E-BEAW	
he specification of which	
is attached hereto;	•
	10/712,590
is identified as PCT International Application No.	
and was amended on	(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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Application No.	Country	(MM/DD/YYYY)	Claimed	YES	NO

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Customer Number for Practitioner of Record:

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Office of Intellectual Property Counsel 3M Innovative Properties Company Telephone No.: (651) 737-4029

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:	A petition has been filed for this unsigned inventor.	
Given Name (first and middle [if any]):	Family Name or Surname:	
Michael A.	Yandrasits	
Inventor's Signature:		Date:
Residence:	Country:	Citizenship:
Hastings, Minnesota	USA	United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, US	SA	
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been	filed for this unsigned inventor.
Given Name (first and middle [if any]): Steven J.	Family Name or Surname: Hamrock	
Inventor's Signature:		Date:
Residence: Stillwater, Minnesota	Country: USA	Citizenship: United States of America
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, US	SA	
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been	filed for this unsigned inventor.
Given Name (first and middle [if any]): Klaus	Family Name or Surname: Hintzer	
Inventor's Signature:		Date: Move M. 2004
Residence: Kastl, Germany	Country: GERMANY	Citizenship: GERMANY
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, US	SA	

NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed for this unsigned inventor.			
Given Name (first and middle [if any]): Arne	Family Name or Surname: Thaler			
Inventor's Signature:		Date: Marh 16, 2004		
Residence: Altoetting, Germany	Country: GERMANY	Citizenship:		
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA				
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed for	r this unsigned inventor.		
Given Name (first and middle [if any]): Tatsuo	Family Name or Surname: Fukushi			
Inventor's Signature:	1	Date:		
Residence: Woodbury, Minnesota	Country: USA	Citizenship: JAPAN		
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA				
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed for	r this unsigned inventor.		
Given Name (first and middle [if any]): Naiyong	Family Name or Surname: Jing			
Inventor's Signature:		Date:		
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America		
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA				
<u> </u>				
NAME OF JOINT INVENTOR, IF ANY:	☐ A petition has been filed for	r this unsigned inventor.		
Given Name (first and middle [if any]): Kai Helmut	Family Name or Surname: Lochhaas			
Inventor's Signature:		Daye: Mark Mr. Lary		
Residence: Neuoetting, Germany	Country: GERMANY	Citizenship: GERMANY		
Mailing Address: P.O. Box 33427, St. Paul, Minnesota 55133-3427, USA				